

Fig. 1

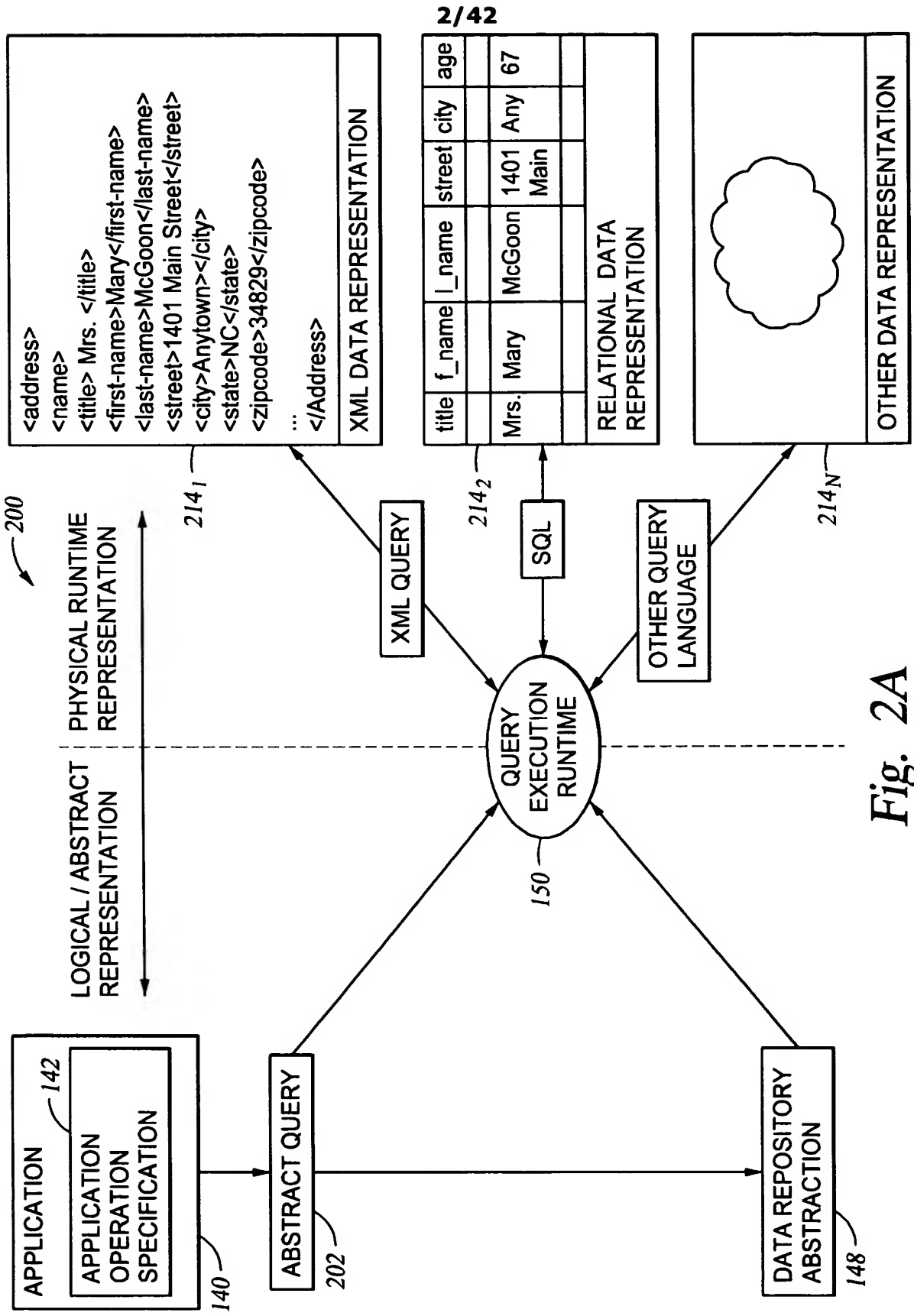


Fig. 2A

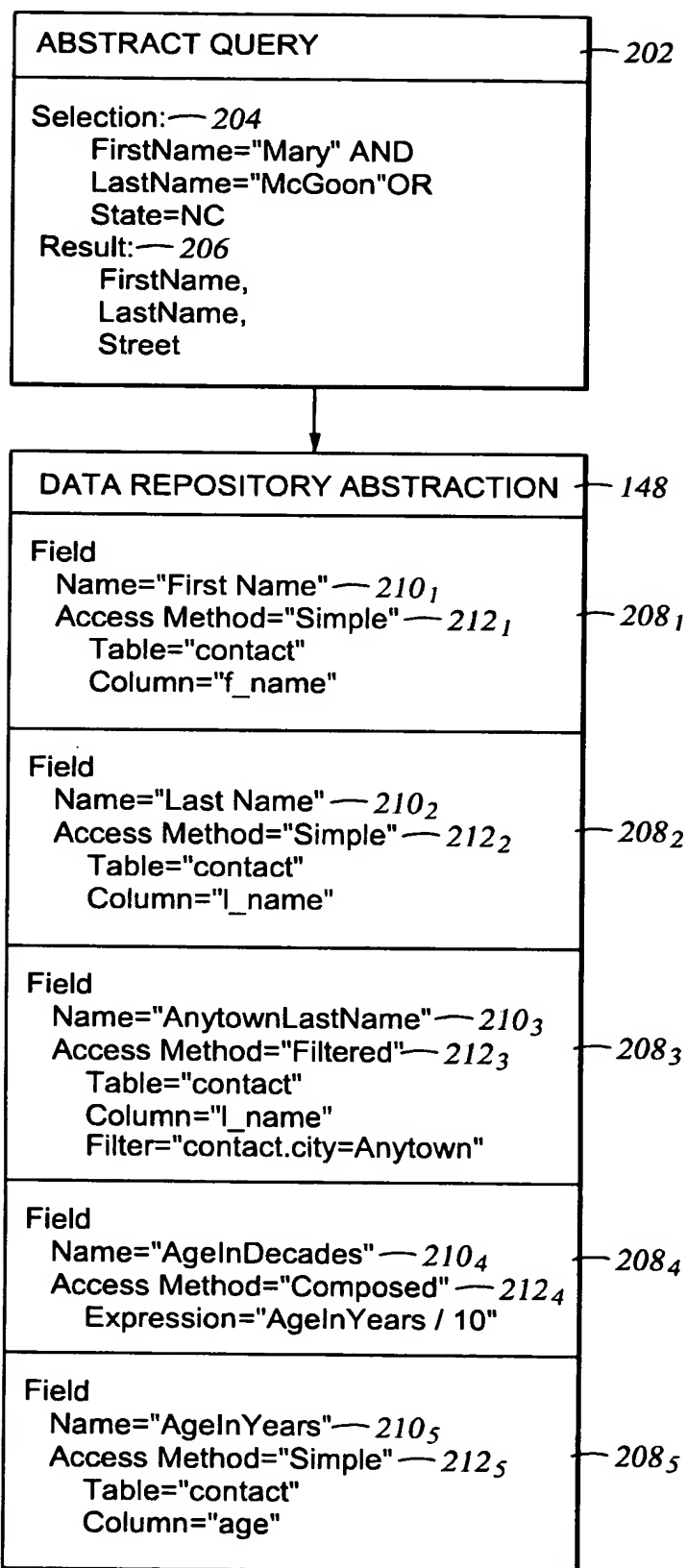
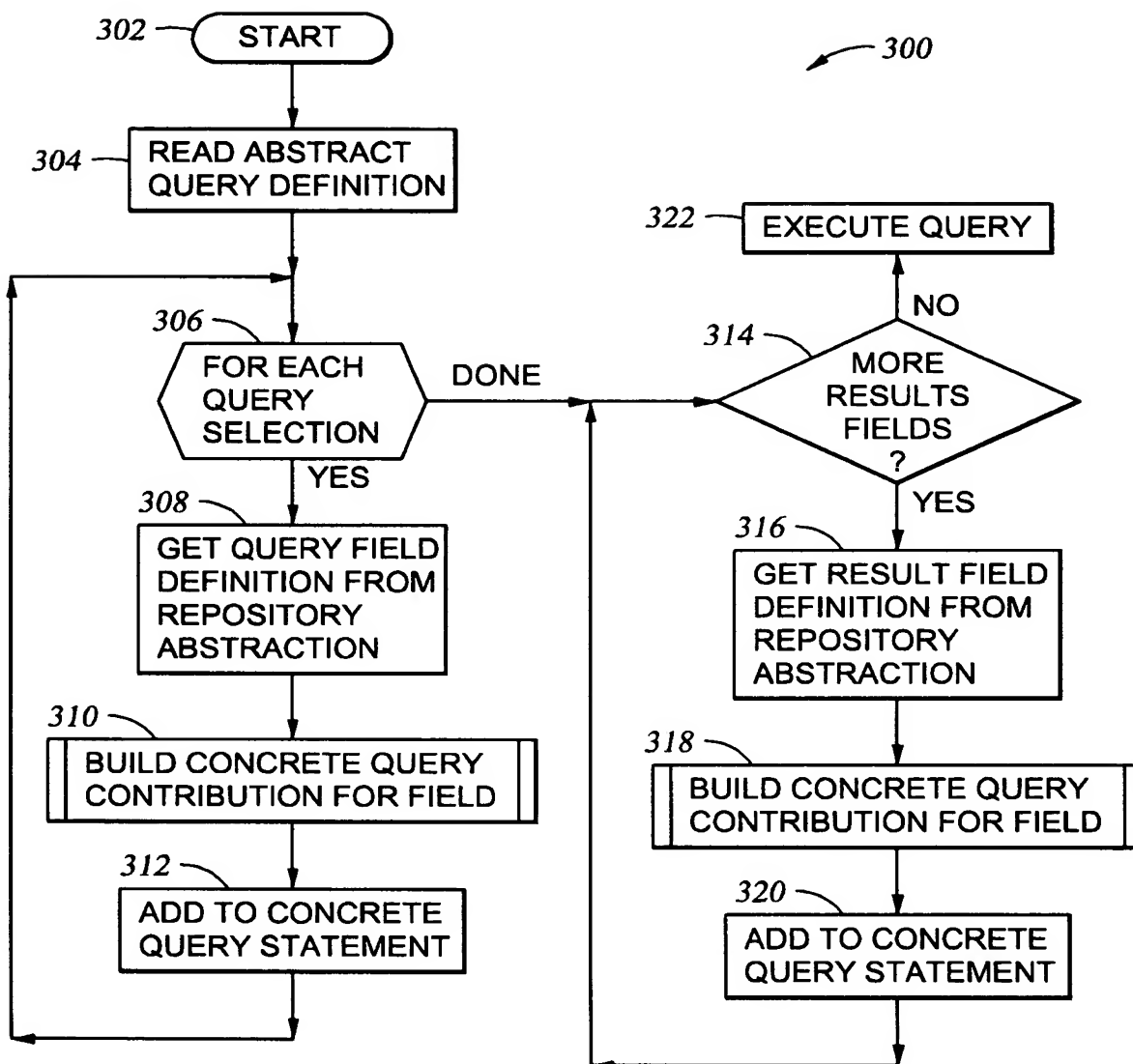


Fig. 2B

*Fig. 3*

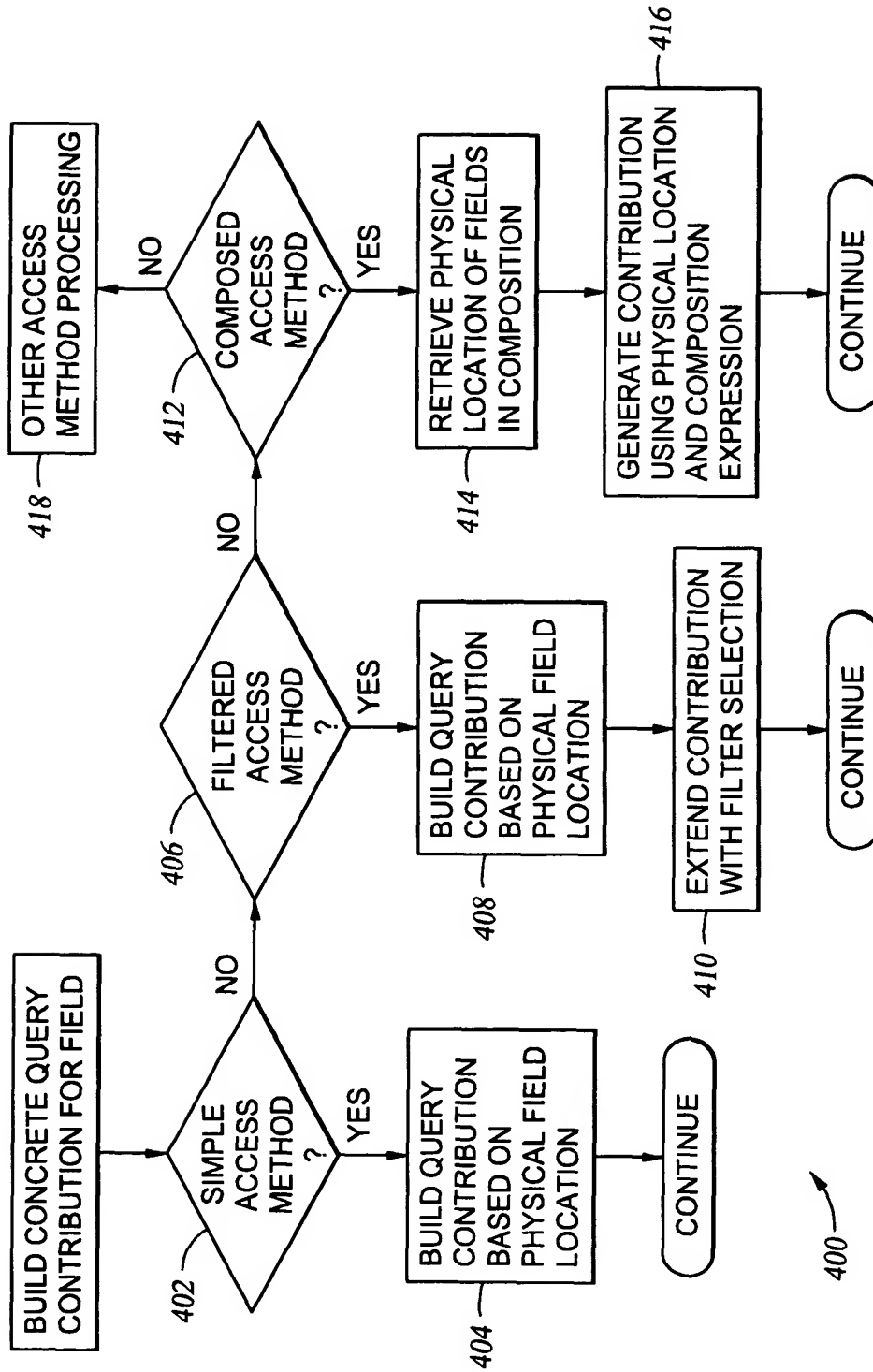
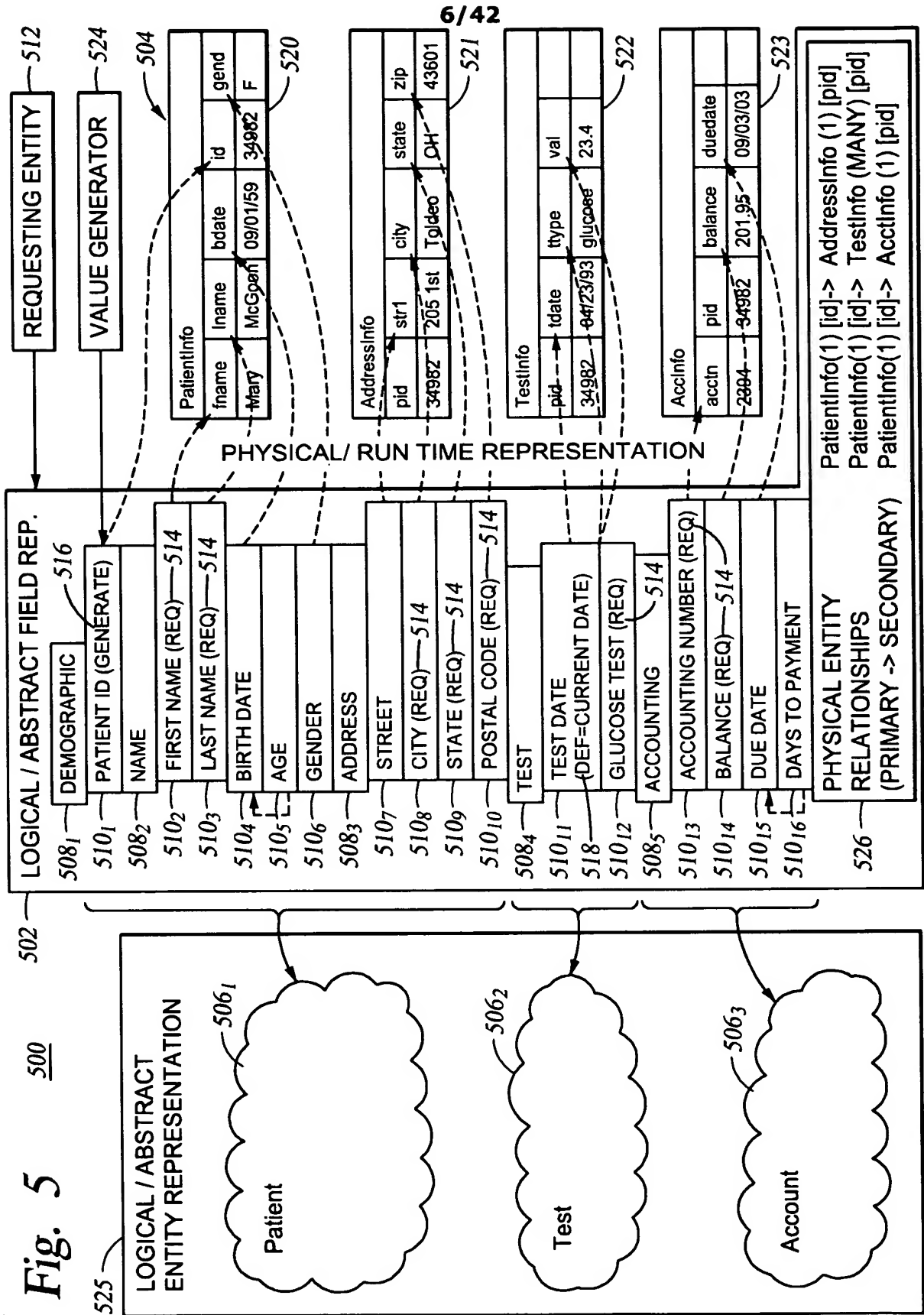


Fig. 4

Fig. 5



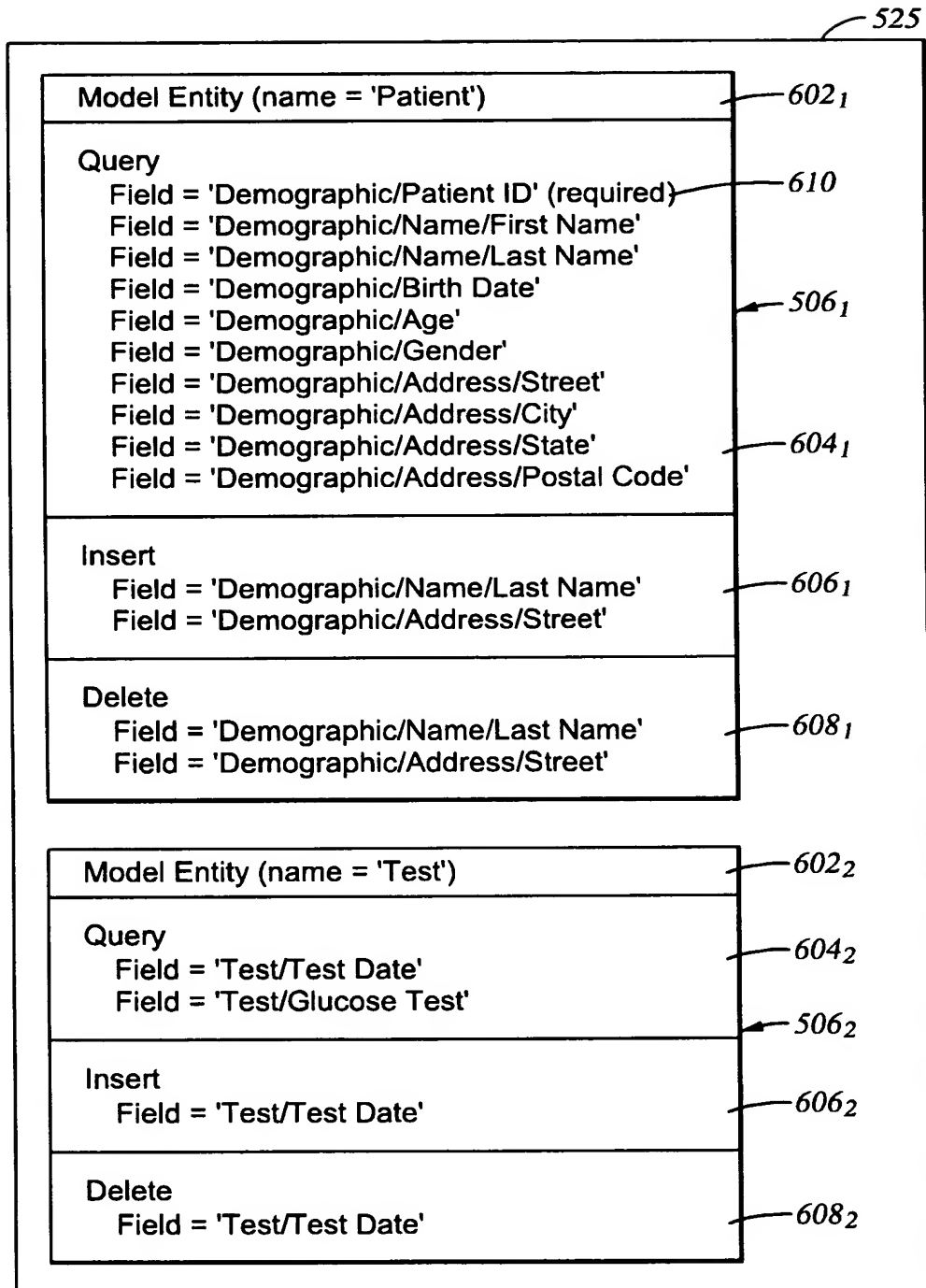


Fig. 6

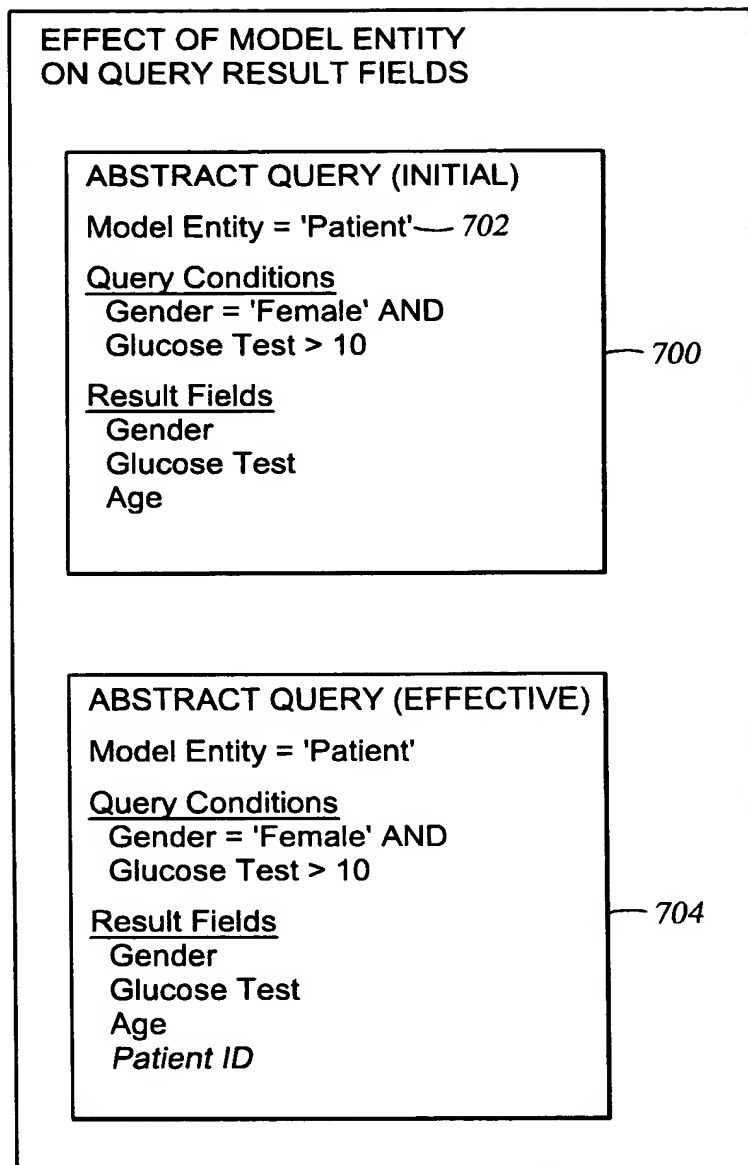


Fig. 7

9/42

800

CREATE ABSTRACT QUERY

SELECT QUERY FOCUS
FROM LIST:

Account
Patient
Test

NEXT >>

802

804

Fig. 8

900

CREATE ABSTRACT QUERY

Query Conditions

QUERY FOCUS: Patient

ADD ...

NEXT >>

Fig. 9

900

CREATE ABSTRACT QUERY

Query Conditions

QUERY FOCUS: Patient

Gender = 'Female' AND
Glucose Test > 10

ADD ...

NEXT >>

1002

1004

Fig. 10

1100

CREATE ABSTRACT QUERY

QUERY FOCUS: Patient

ADD ...

<< BACK FINISH

Query Conditions

Gender = 'Female' AND
Glucose Test > 10

Result Fields

Patient ID

1002 1102

Fig. 11

1100

CREATE ABSTRACT QUERY

QUERY FOCUS: Patient

ADD ...

<< BACK FINISH

Query Conditions

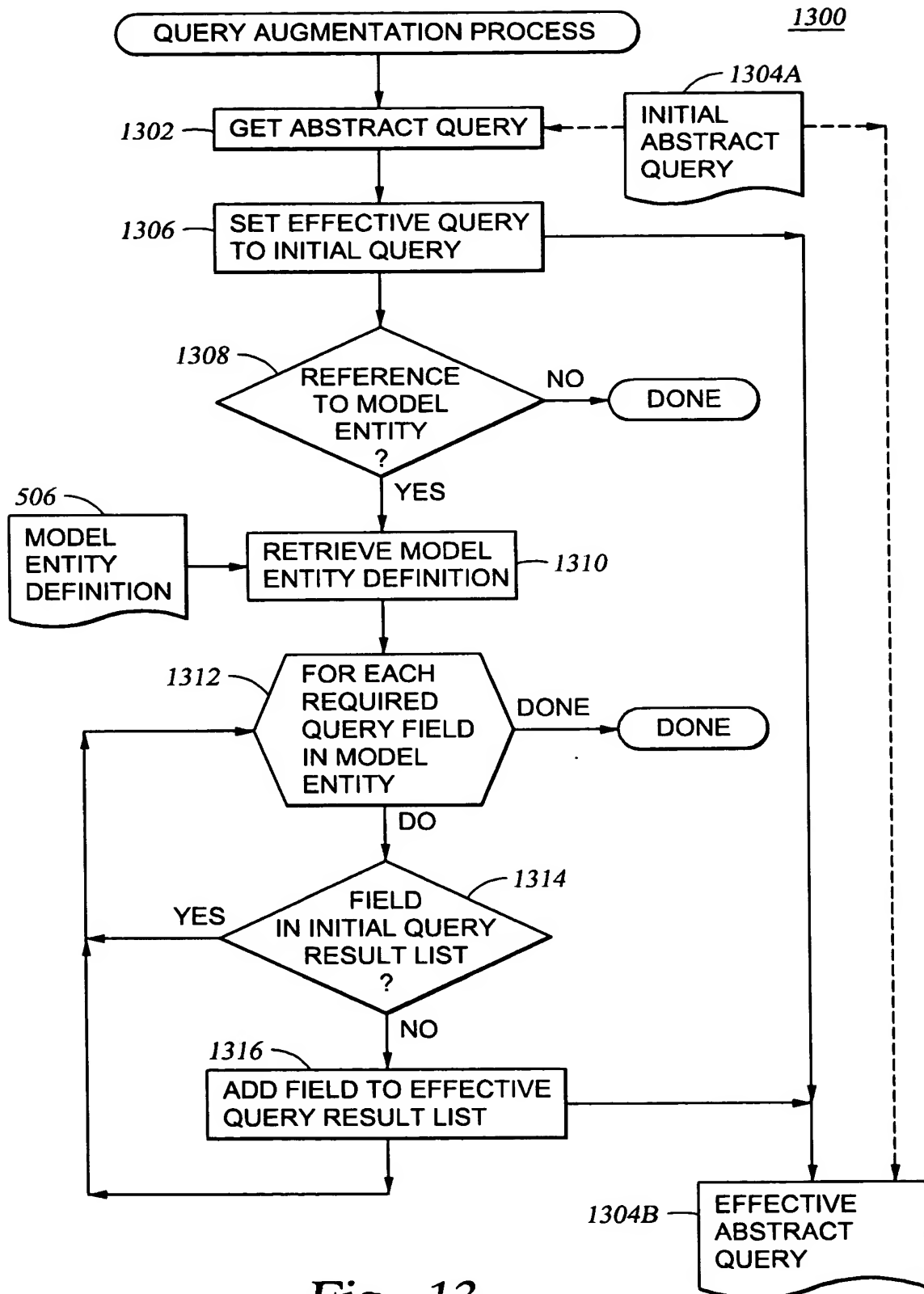
Gender = 'Female' AND
Glucose Test > 10

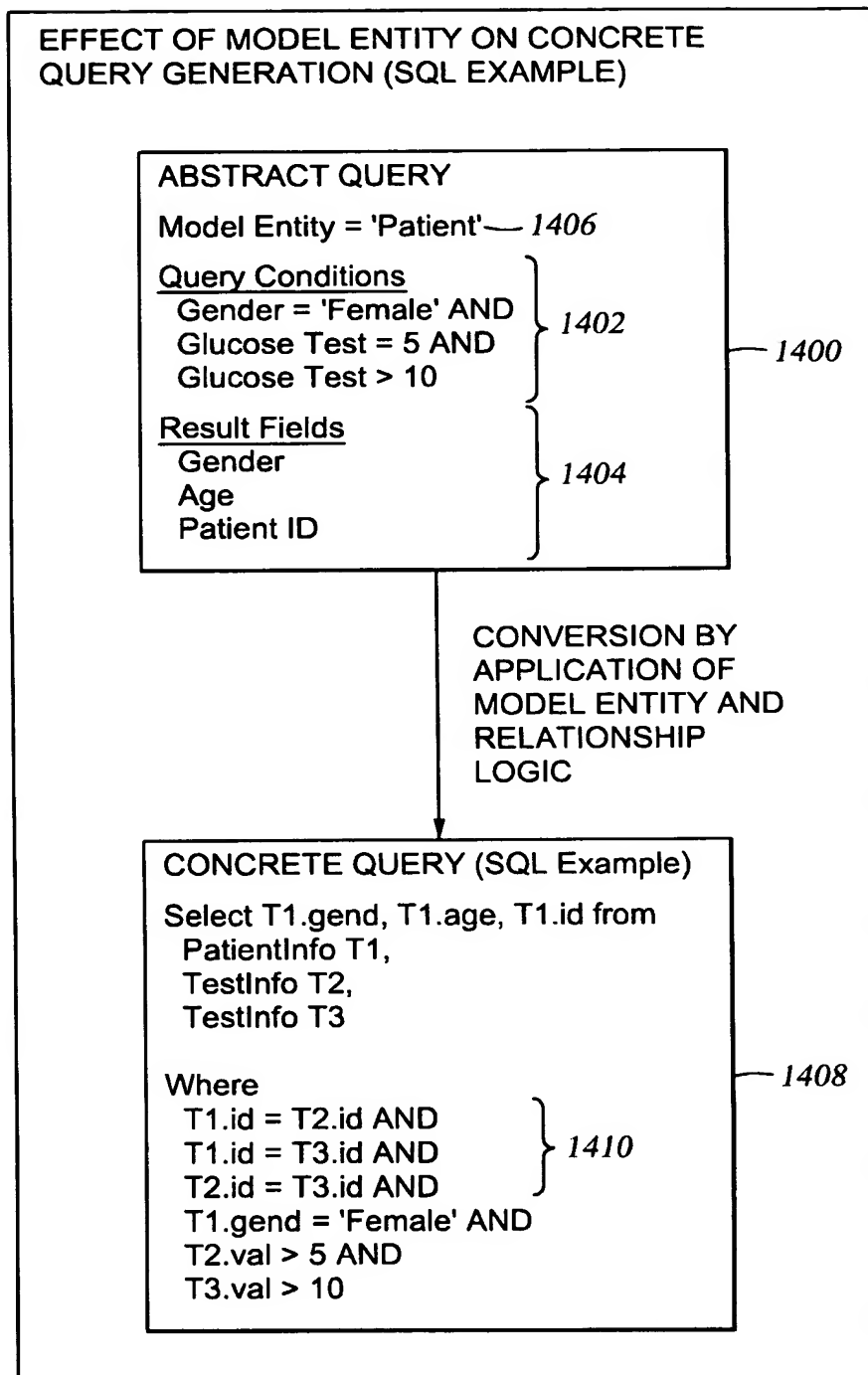
Result Fields

Patient ID
Gender
Glucose Test
Age

1002 1102

Fig. 12

*Fig. 13*

*Fig. 14*

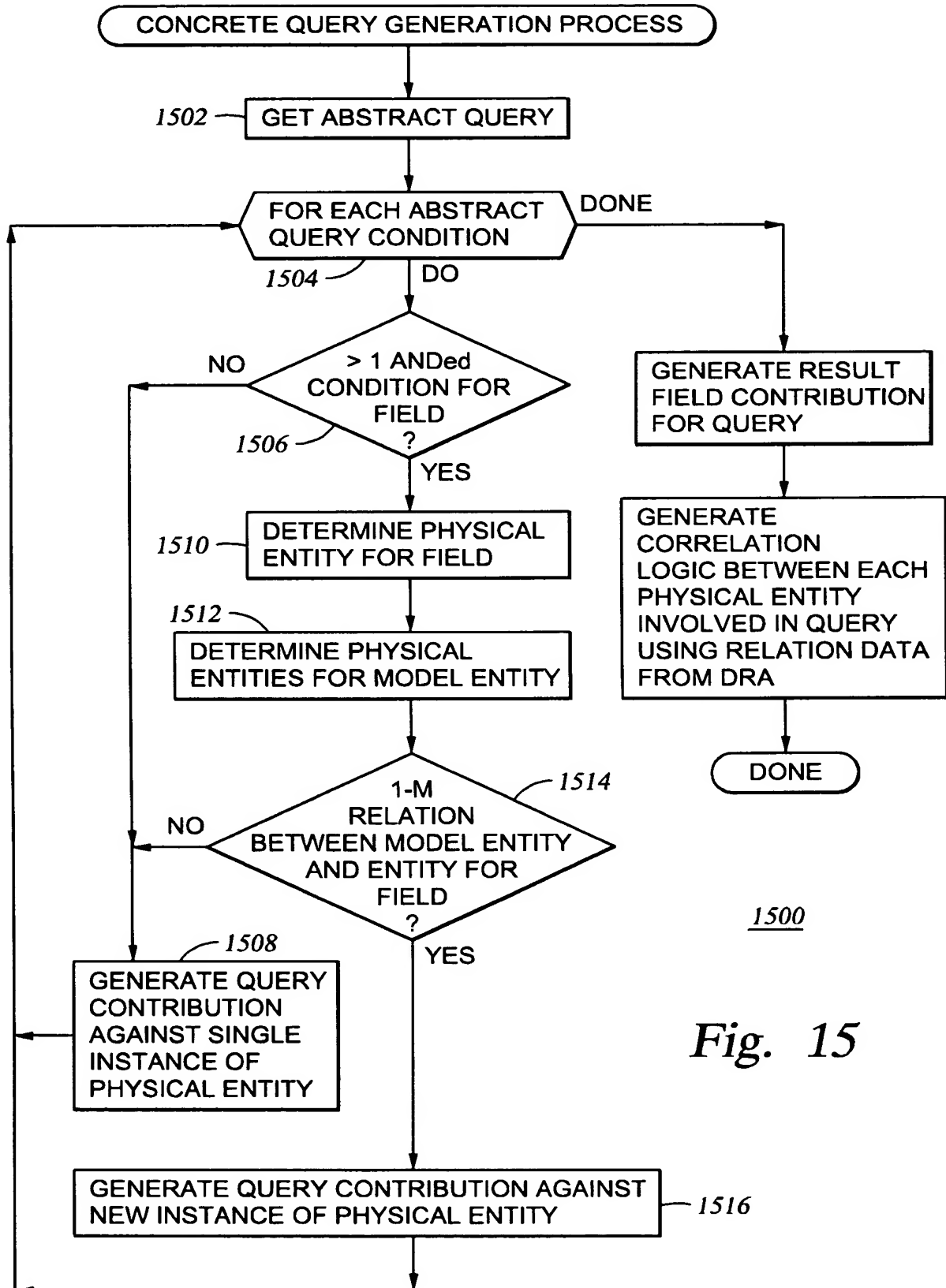


Fig. 15

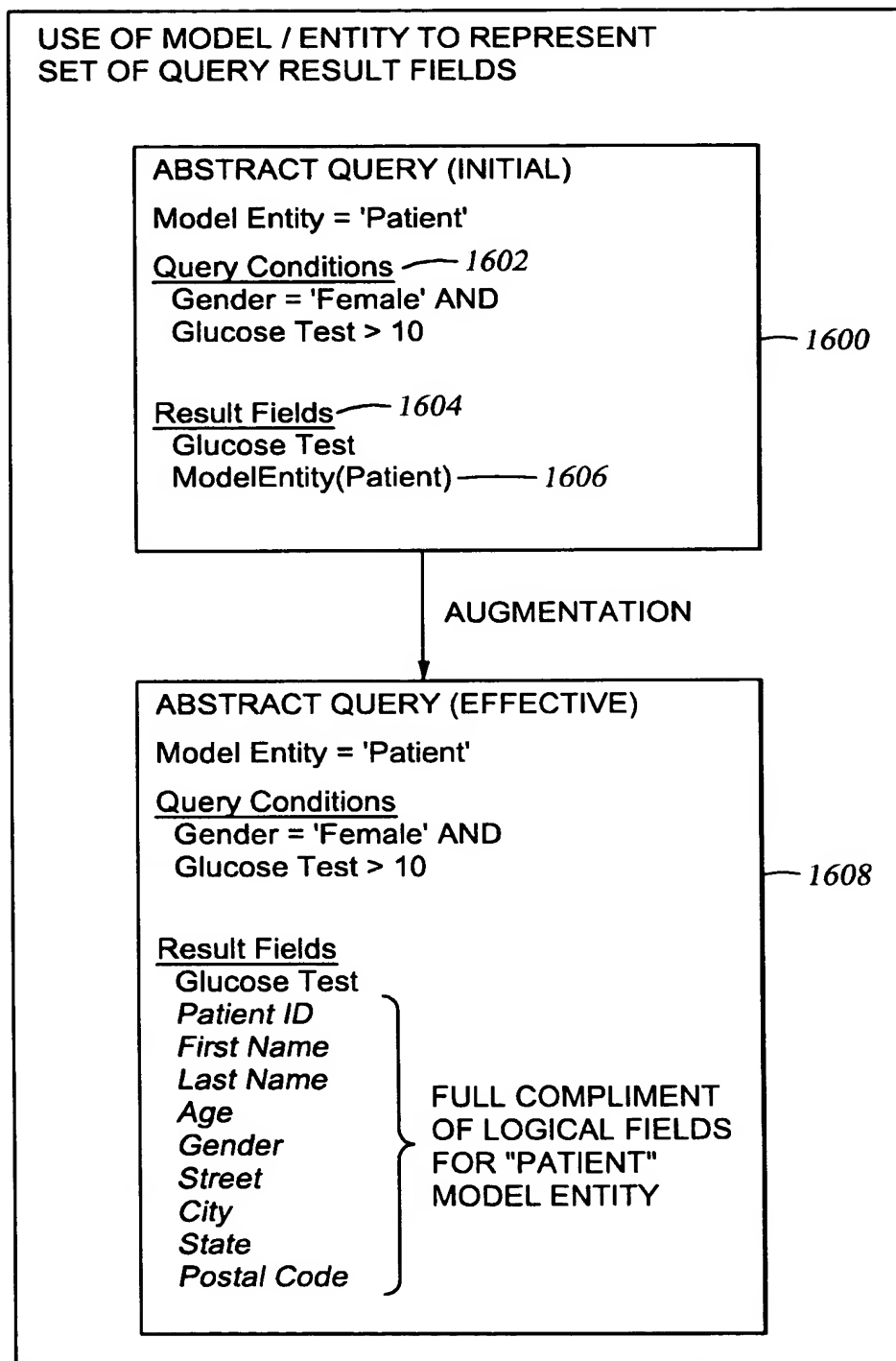
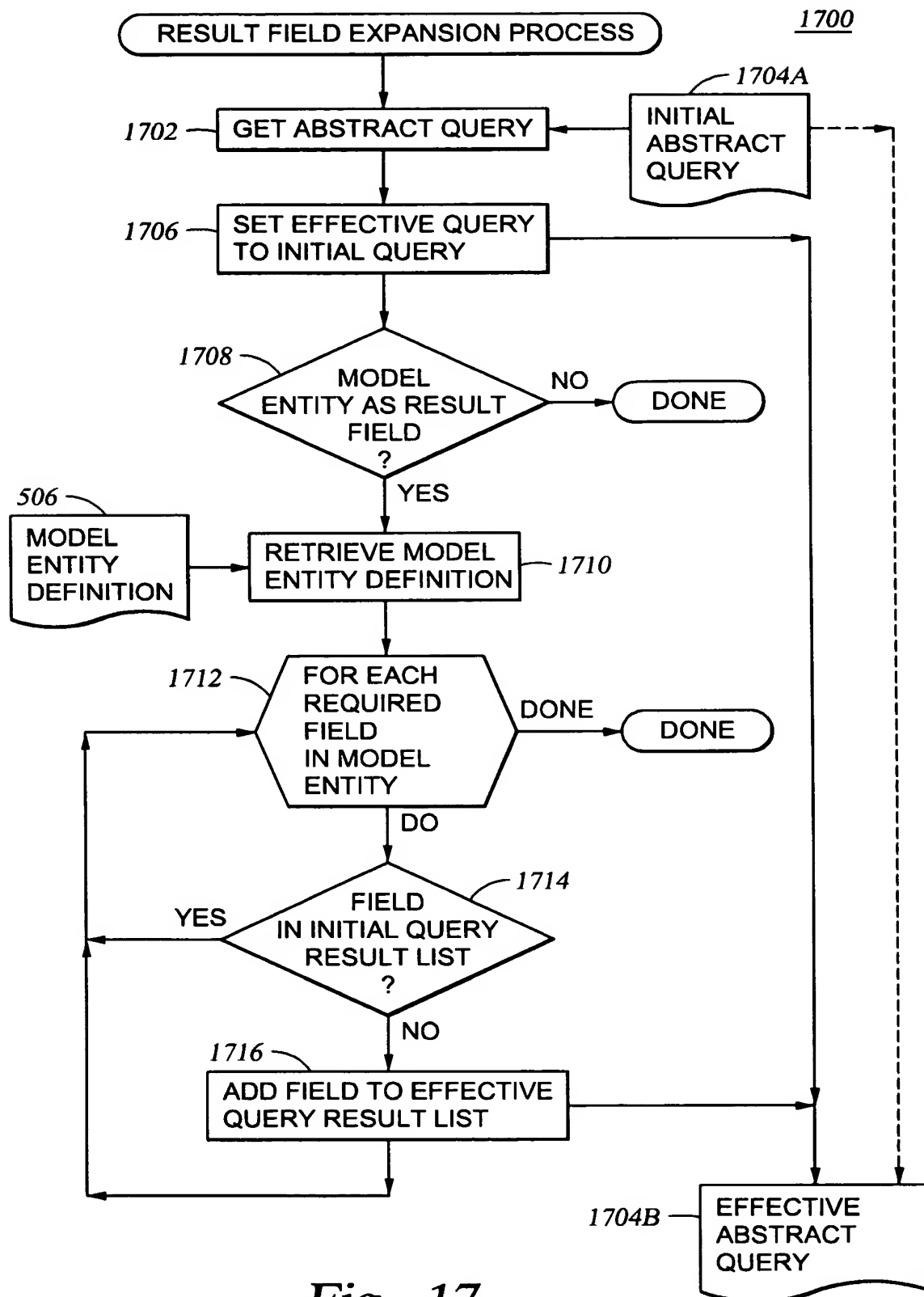


Fig. 16



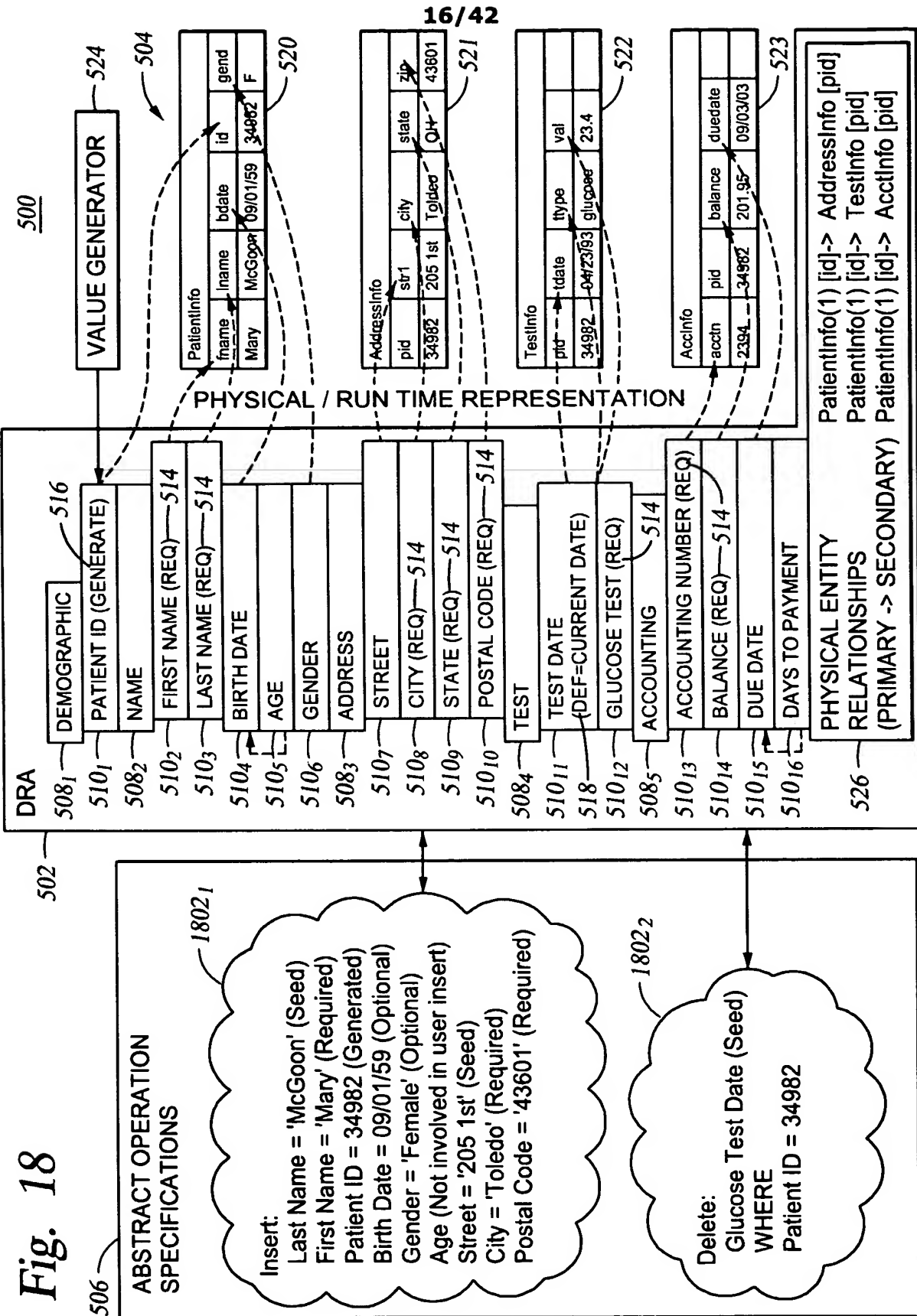
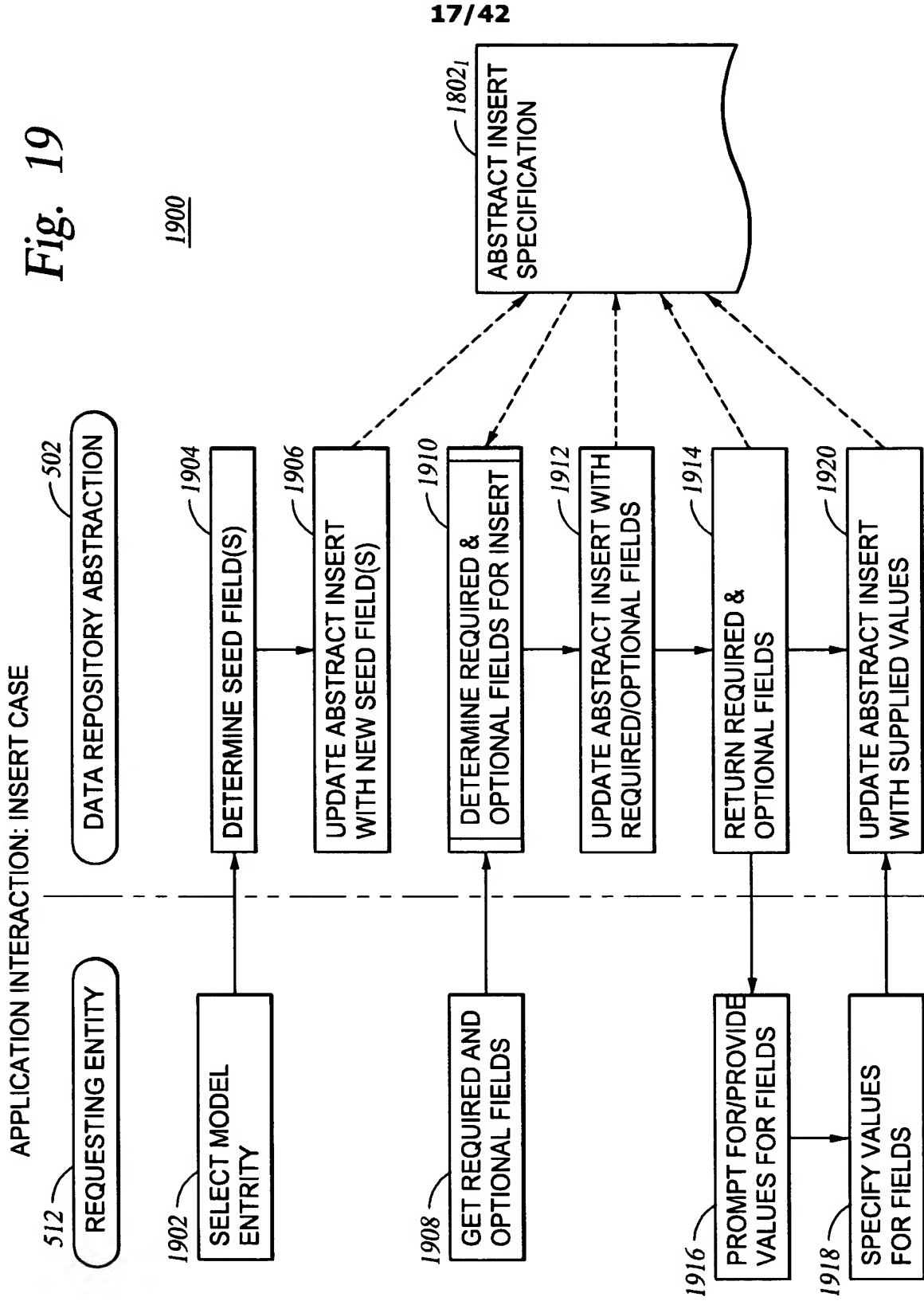


Fig. 19



APPLICATION INTERACTION: INSERT CASE

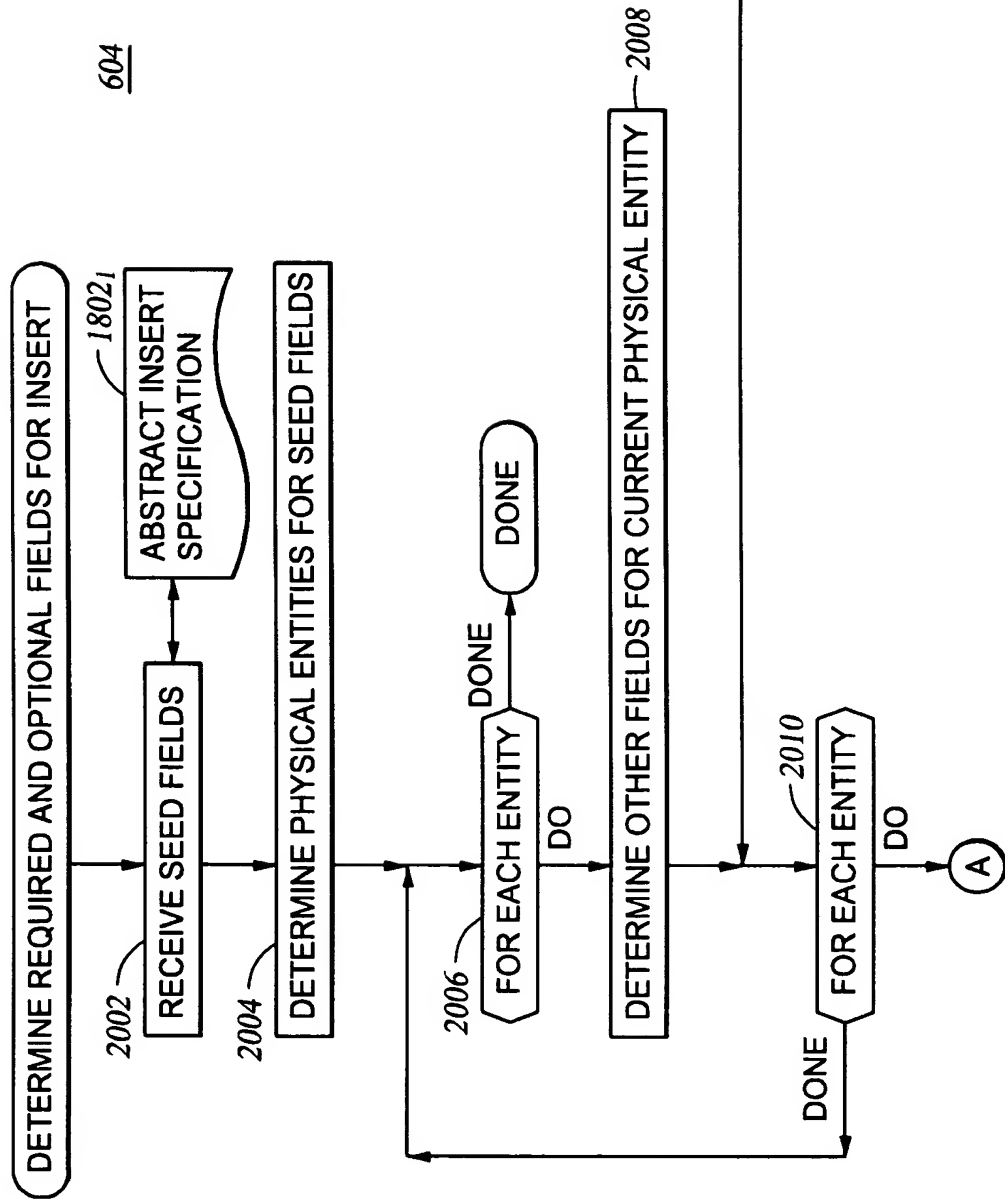


Fig. 20A

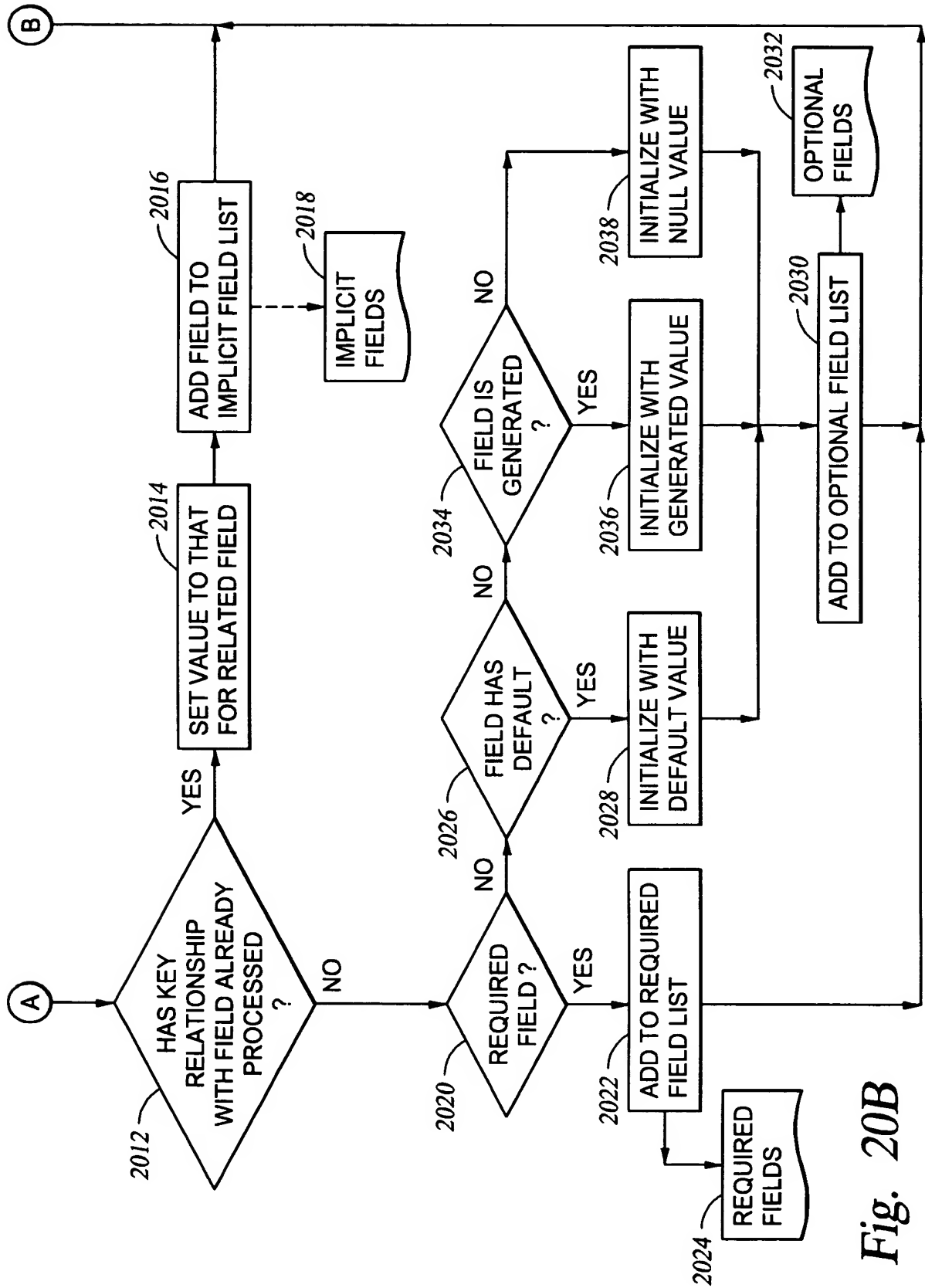


Fig. 20B

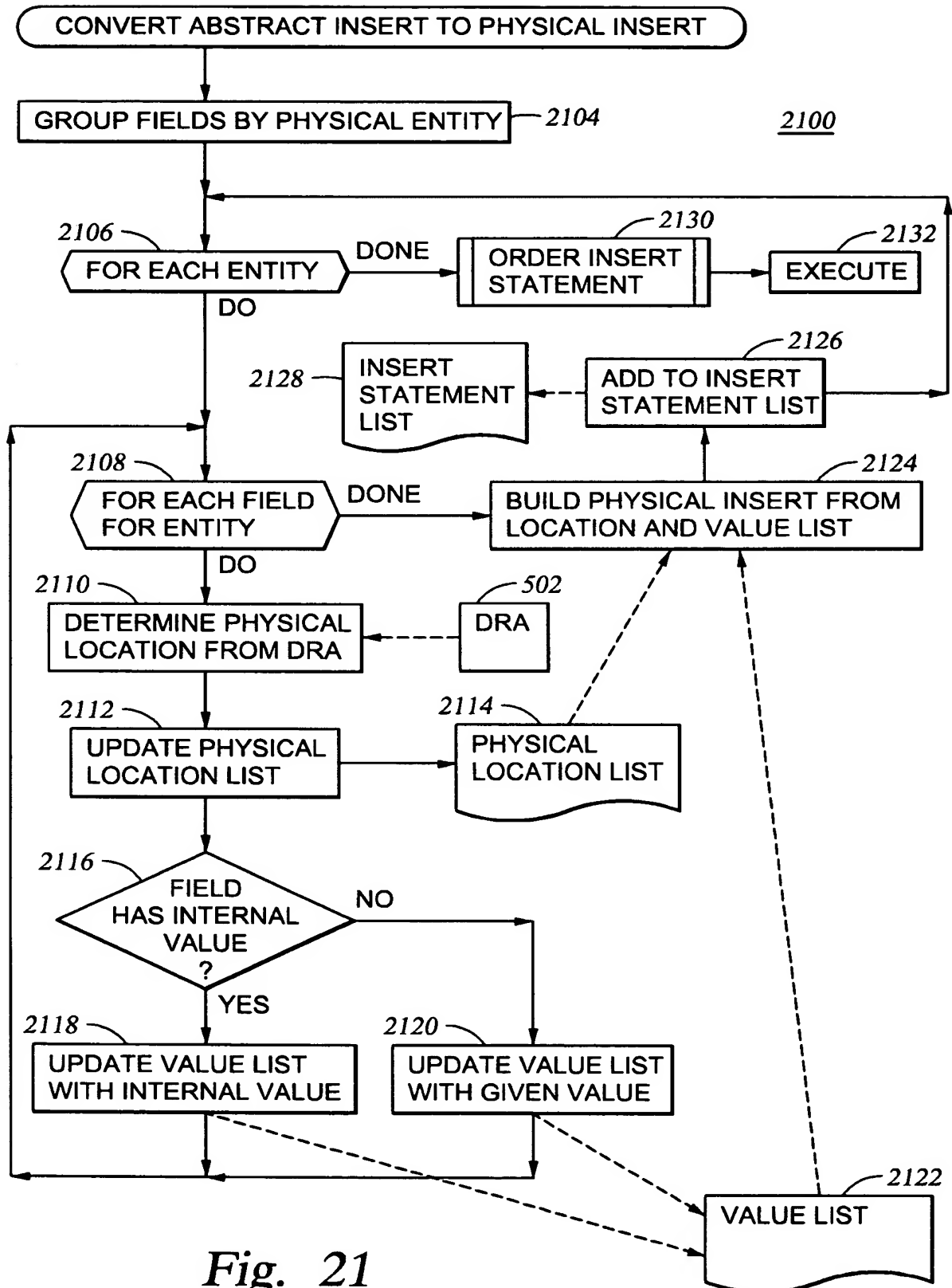
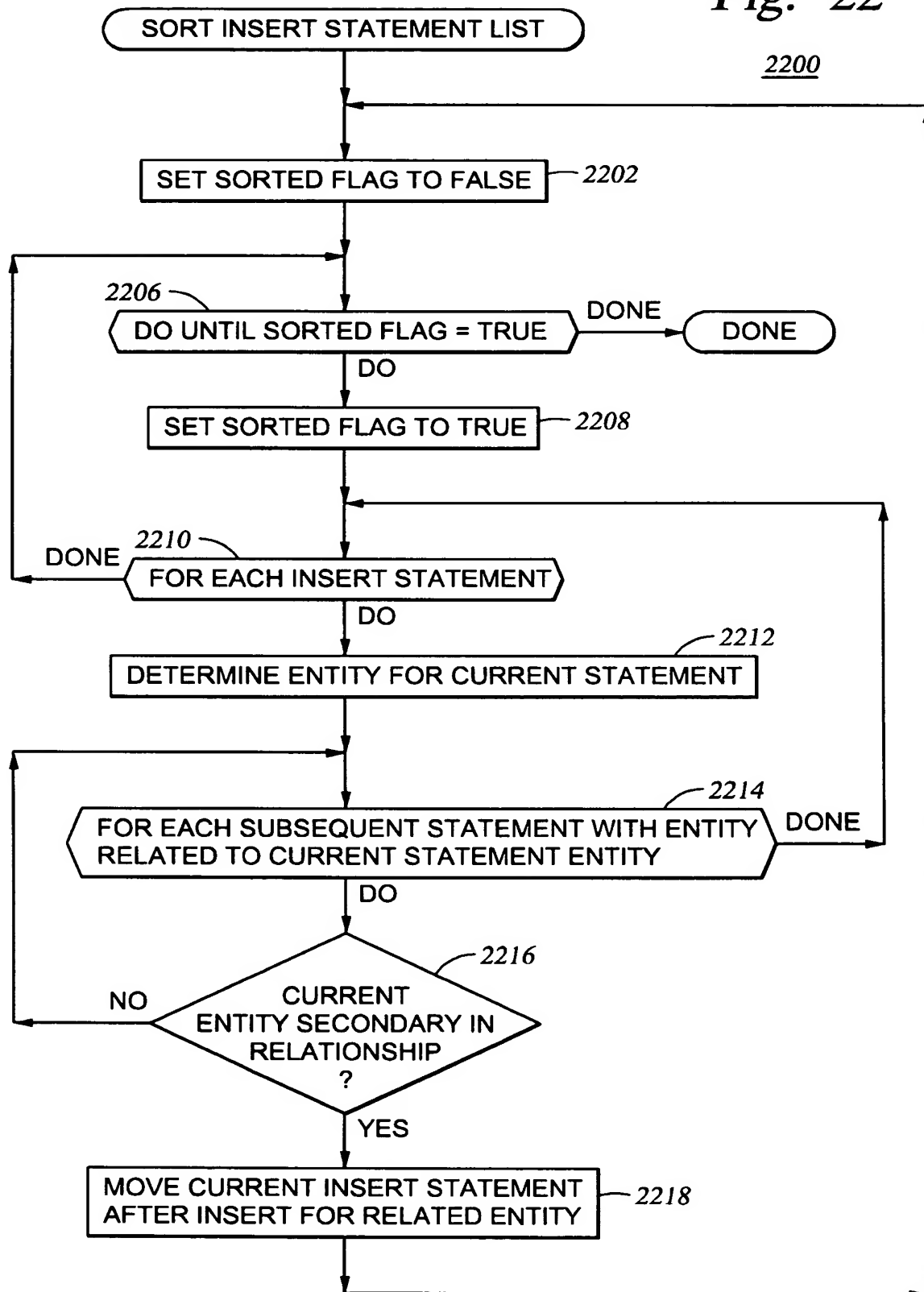


Fig. 21

Fig. 22



2300

CREATE ABSTRACT INSERT

2302

SELECT ENTITY TO INSERT:

Patient
Test
Account

2304

SELECTED ENTITY:

2306

NEXT >>

Fig. 23

2300

CREATE ABSTRACT INSERT

2302

SELECT ENTITY TO INSERT:

Patient
Test
Account

2304

SELECTED ENTITY:

Patient

2306

NEXT >>

Fig. 24

2500

CREATE ABSTRACT INSERT

ENTER VALUES TO INSERT (* = REQUIRED):

Last Name (*)		2502A
State (*)		2502B
First Name (*)		2502C
Patient ID	34982	2502D
Birth Date		2502E
Gender		2502F
Street		2502G
City		2502H
Postal Code		2502I

NEXT >>

Fig. 25

2500

CREATE ABSTRACT INSERT

ENTER VALUES TO INSERT (* = REQUIRED):

Last Name (*)	McGoon
State (*)	Ohio
First Name (*)	Mary
Patient ID	34982
Birth Date	09/01/59
Gender	Female
Street	205 1st
City	Toledo
Postal Code	43601

NEXT >>

Fig. 26

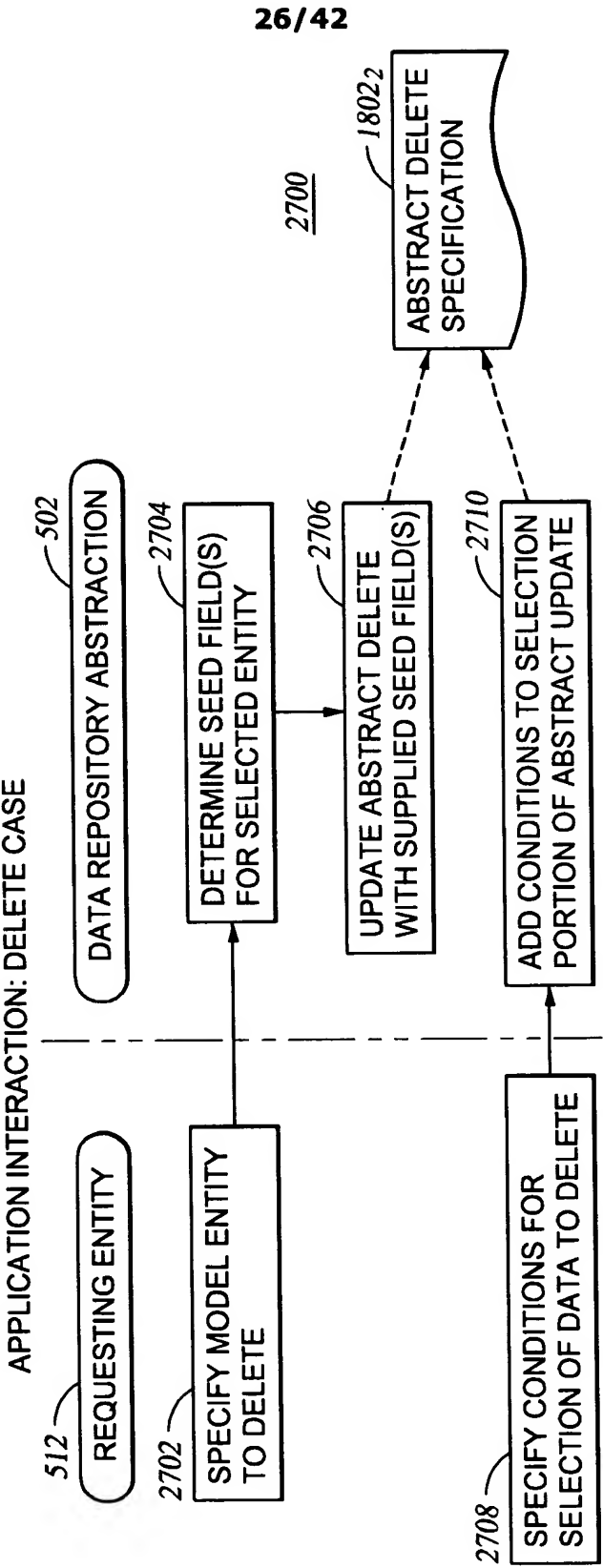


Fig. 27

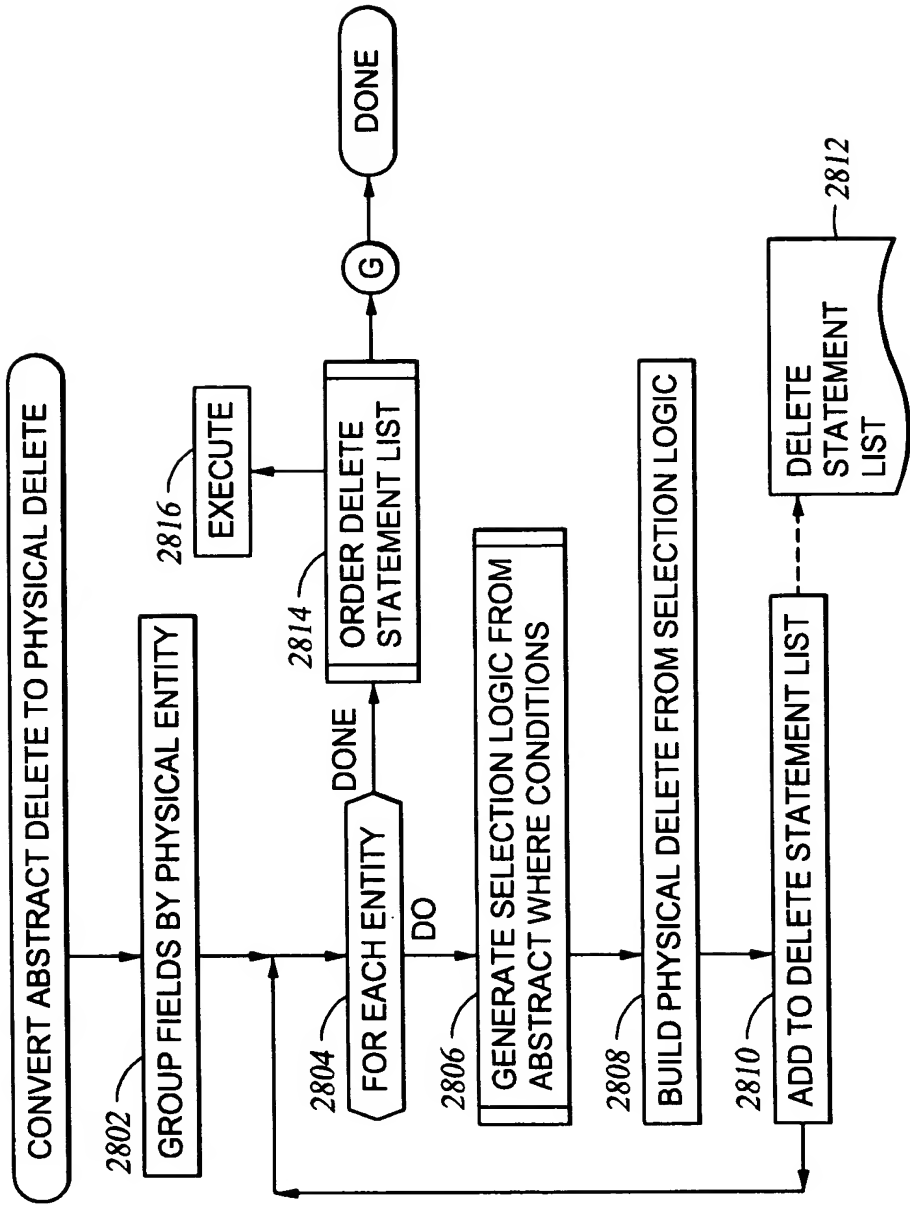


Fig. 28

2800

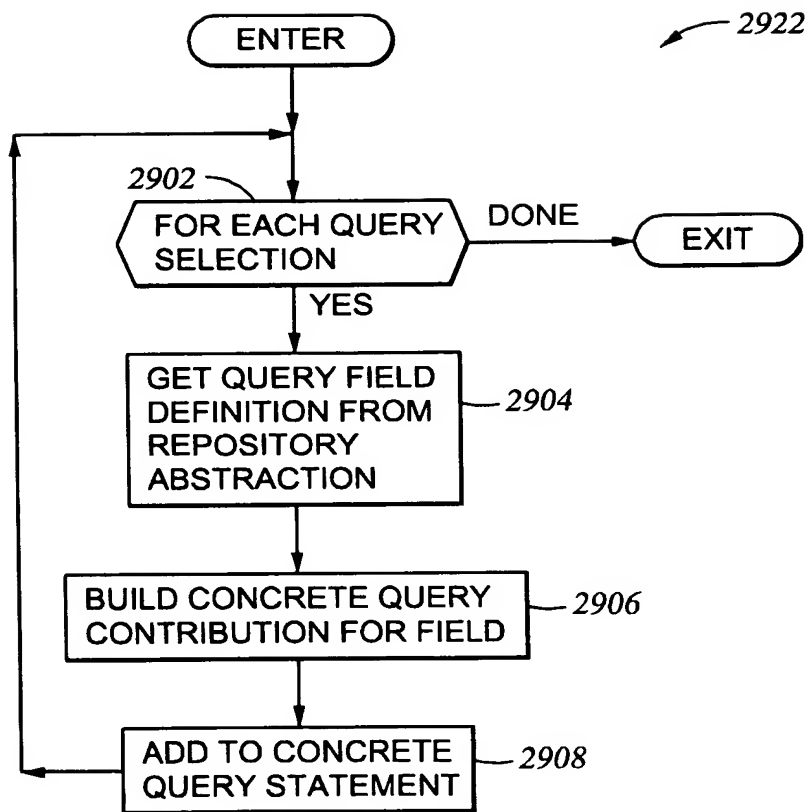
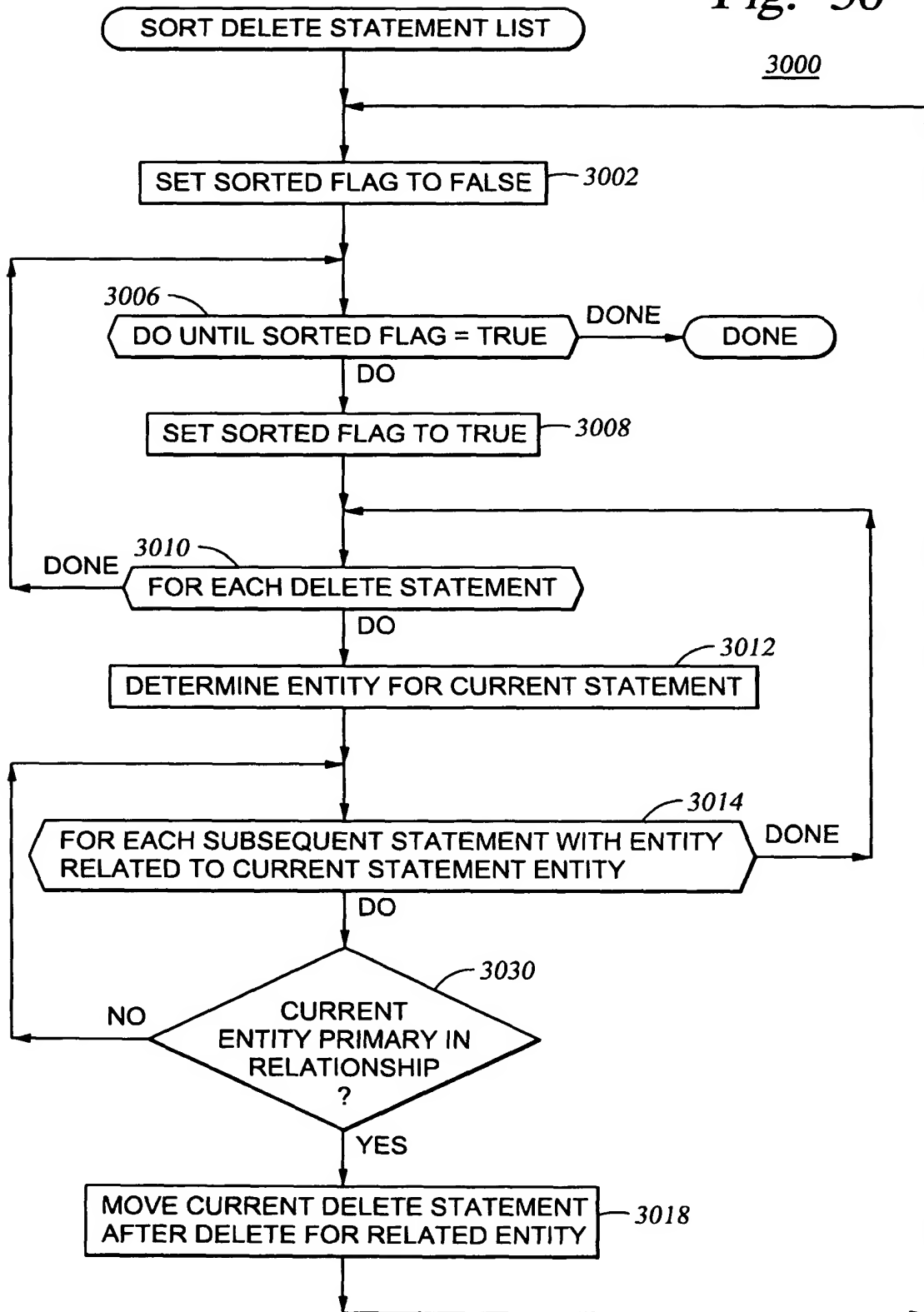


Fig. 29

Fig. 30



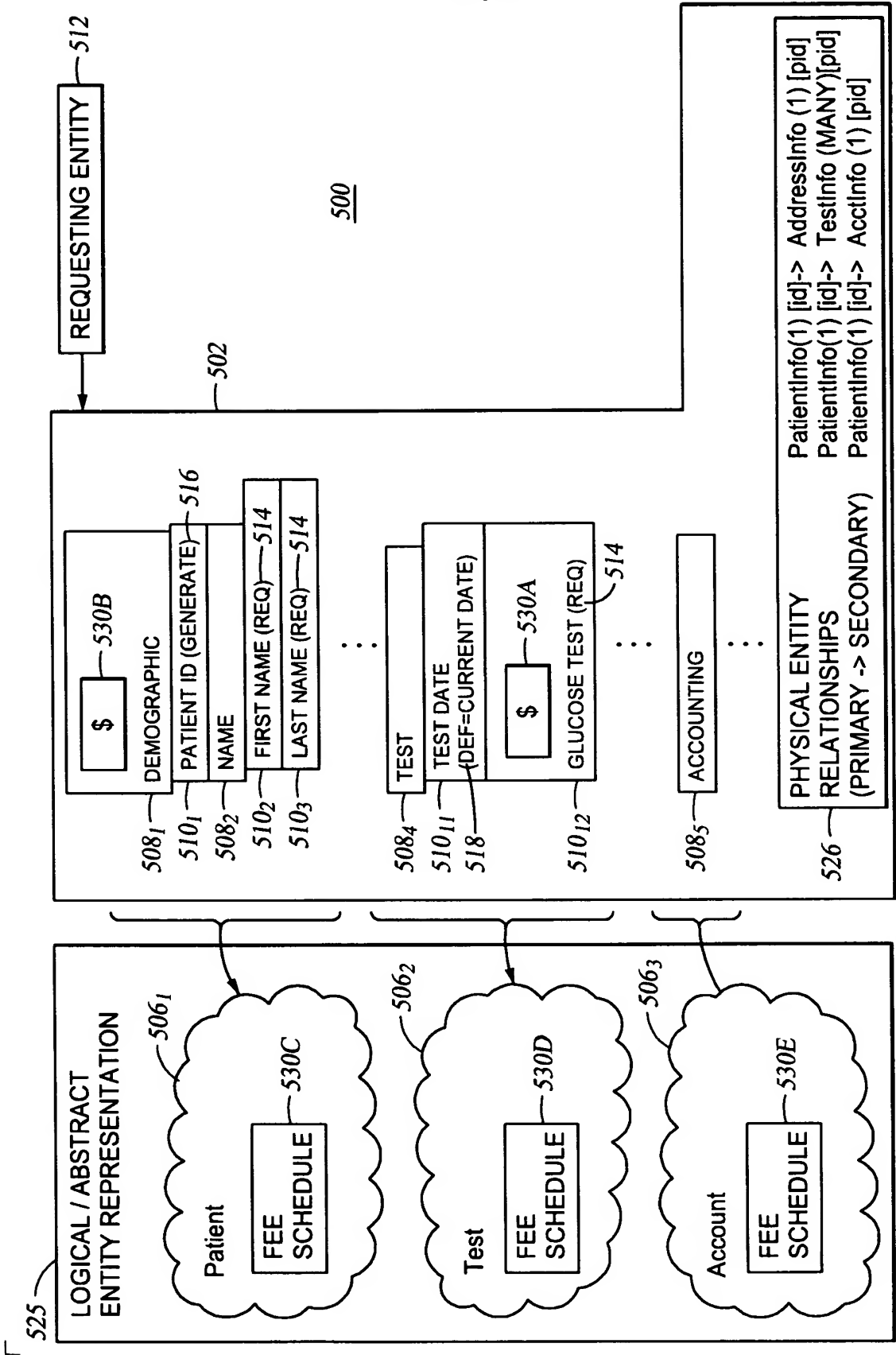


Fig. 31

508 — Category (name='Demographic')

Fee

Query=1.00 (per request)	} 530B
Insert=2.50 (per item)	
Update=0.50 (per request)	

Field=(name='Patient ID')

AccessMethod='Simple'

Table='PatientInfo' Column='id'

Value='generate'

Category (name='Name')

Field (name='First Name')

AccessMethod = 'Simple'

Table='PatientInfo' Column='frame'

Value='required'

Field (name='Last Name')

AccessMethod='Simple'

Table='PatientInfo' column=lname'

Value='required'

⋮

Category (name='Test')

Field (name='Test Date')

AccessMethod='Simple'

Table='TestInfo' Column='tdate'

Value=default(Current_Date)

Field 9name='Glucose Test') — 510₁₂

Fee

Query=0.50 (per item) — 530A

AccessMethod='Filtered'

Table='TestInfo' Column='val'

Filter='TestInfo.type=glucose'

Value='required'

⋮

Fig. 32

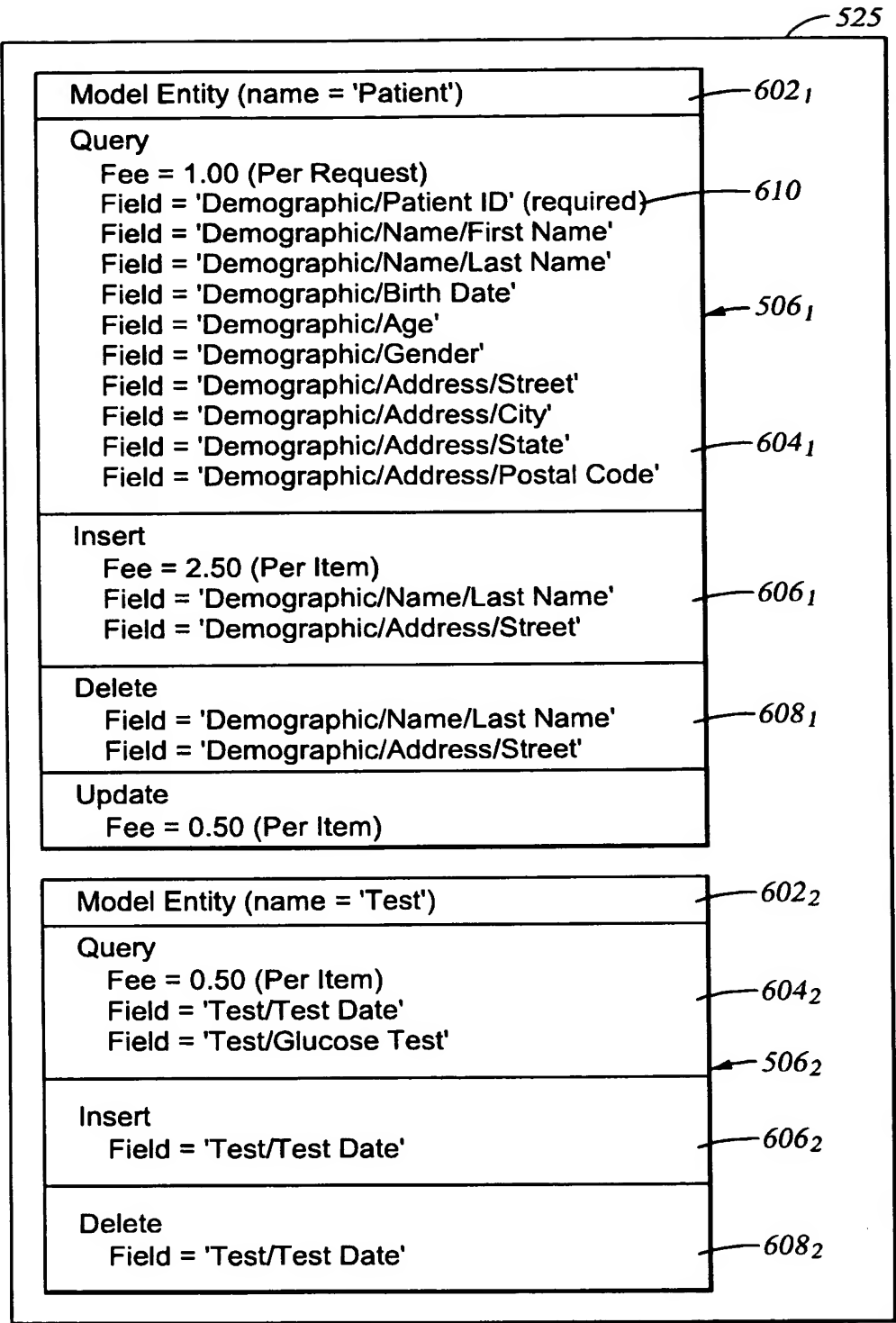
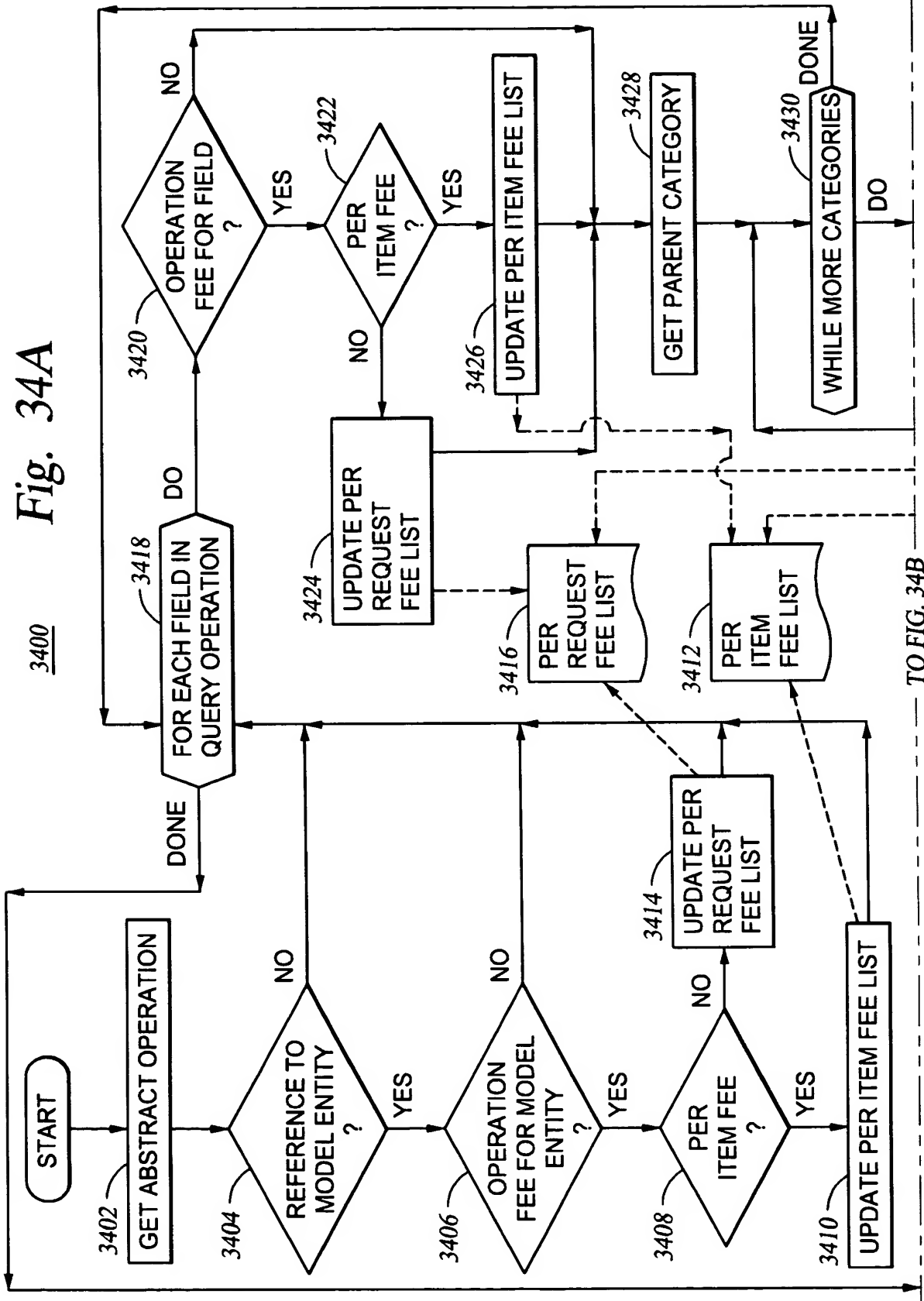
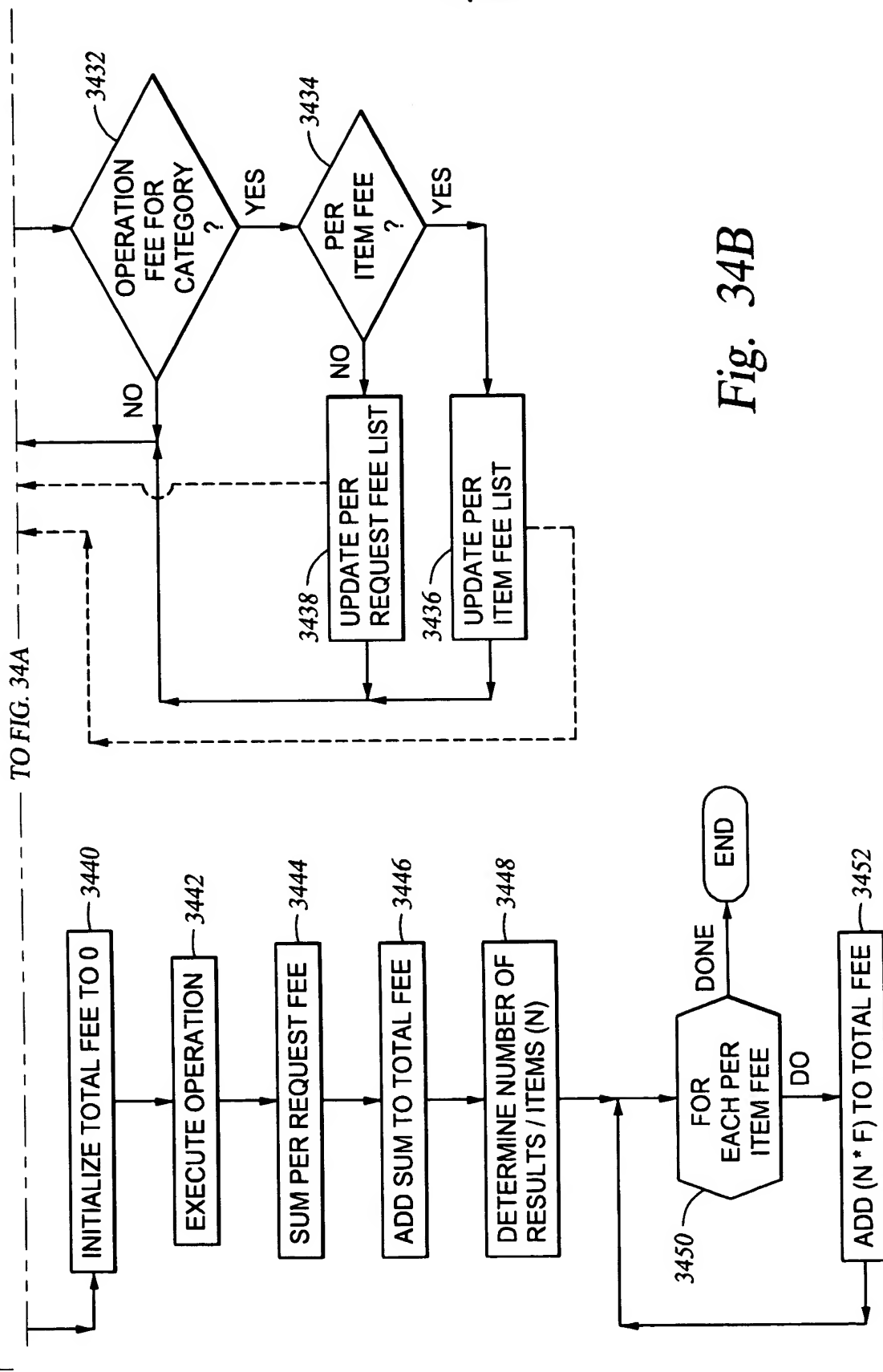


Fig. 33

Fig. 34A

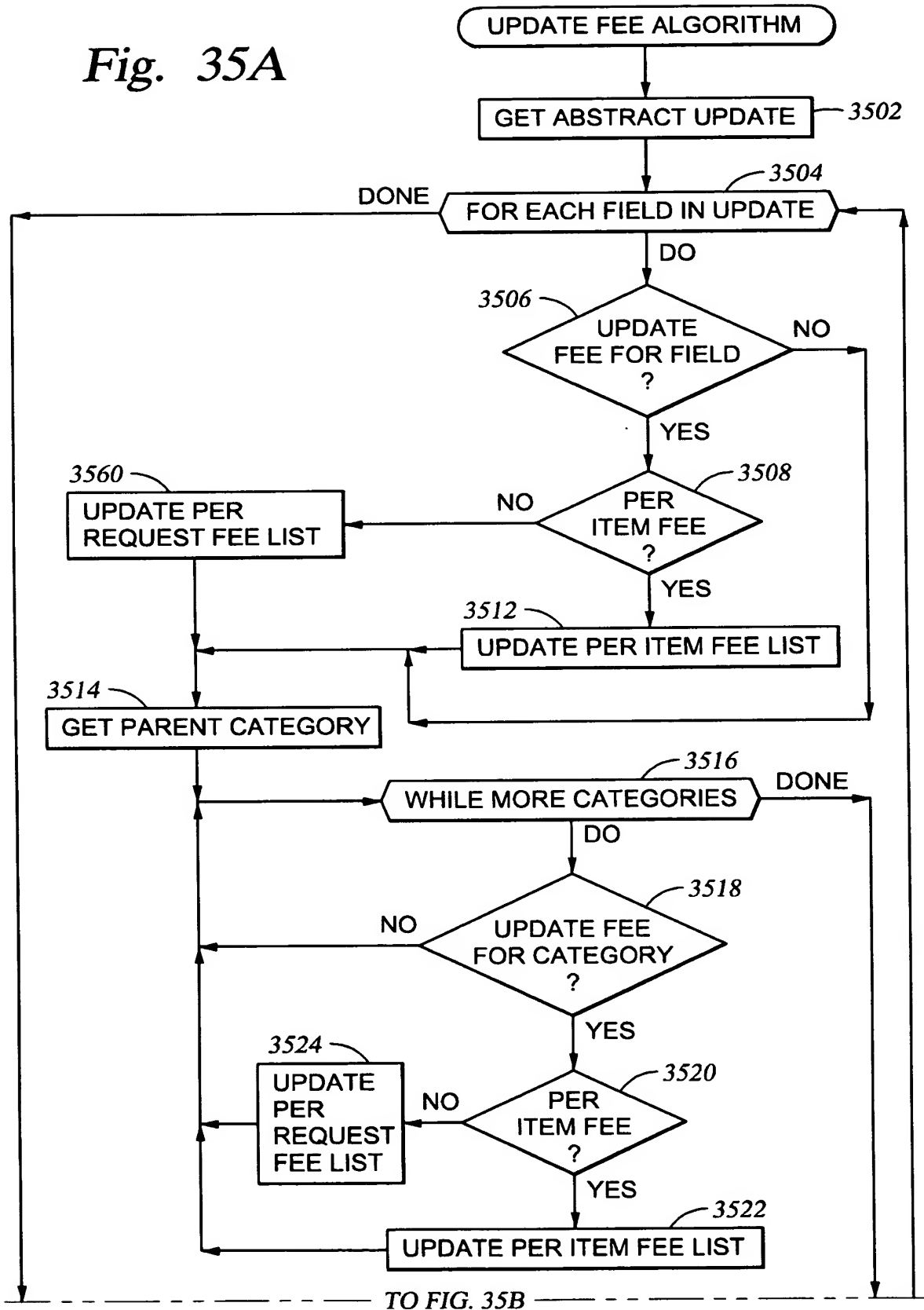


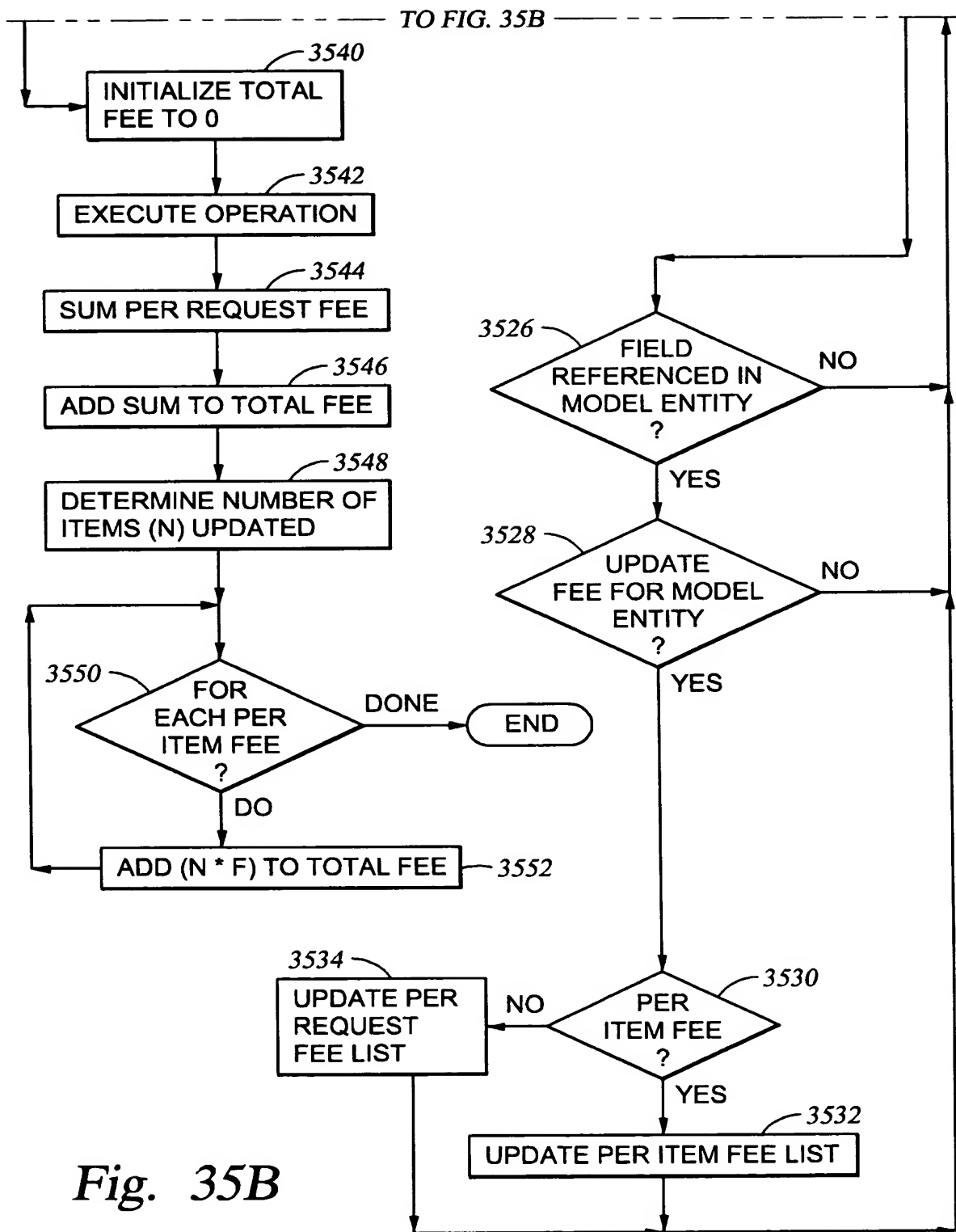
TO FIG. 34B



35/42

Fig. 35A





3600

CREATE ABSTRACT QUERY

SELECT QUERY FOCUS FROM LIST:

3602

Account
Patient
Test

3608

NEXT >>

3604

\$0.00

PER REQUEST FEE

3606

\$0.00

PER ITEM FEE

Fig. 36

3700

CREATE ABSTRACT QUERY CONDITIONS

QUERY FOCUS: PATIENT

3704

ADD

QUERY CONDITIONS

3702

PER REQUEST FEE

3604

\$1.00

PER ITEM FEE

3606

\$0.00

3608

NEXT >>

Fig. 37

3700

CREATE ABSTRACT QUERY CONDITIONS

QUERY FOCUS: PATIENT

3610

Gender='Female' AND
Glucose Test > 10

3704

ADD

3608

NEXT >>

3604

\$2.00

PER REQUEST FEE

3606

\$0.50

PER ITEM FEE

Fig. 38

3900

CREATE ABSTRACT QUERY

QUERY FOCUS: PATIENT

3904

ADD

<< BACK

FINISH

QUERY CONDITIONS

Gender='Female' AND
Glucose Test > 10

RESULTS FIELDS

3902

Patient ID

PER REQUEST FEE

\$2.00

PER ITEM FEE

\$0.50

Fig. 39

CREATE ABSTRACT QUERY

QUERY FOCUS: PATIENT

QUERY CONDITIONS

RESULTS FIELDS

Gender='Female' AND
Glucose Test > 10

Patient ID
Gender
Glucose Test
Age

3614

ADD

<< BACK

FINISH

PER REQUEST FEE

PER ITEM FEE

\$2.00

\$0.50

Fig. 40

4100

QUERY RESULTS

Patient ID	Gender	Glucose Test	Age
192837	Female	25.0	35
876345	Male	33.2	42
253657	Male	31.3	45
883234	Female	24.3	51

<< BACK

FINISH

4102

TOTAL FEE

\$4.00

Fig. 41